REMARKS

Claims 1-17 have been allowed. The specification has been amended to correct minor typographical errors and errors in the numbering and description of the Figures. Applicant has enclosed Replacement Drawing Sheets for Figures 6 and 7 to correct the spacing for "DDS n-1" so that it occurs on one line. No new matter has been added.

CONCLUSION

Entry of the amendments submitted herein is respectfully requested.

Should any issues remain that might be subject to resolution through a telephonic interview, the examiner is requested to telephone the undersigned at 512-338-1900.

FILED ELECTRONICALLY
July 25, 2007

Respectfully submitted,

/Gary W. Hamilton/

Gary W. Hamilton
Attorney for Applicant
Reg. No. 31,834

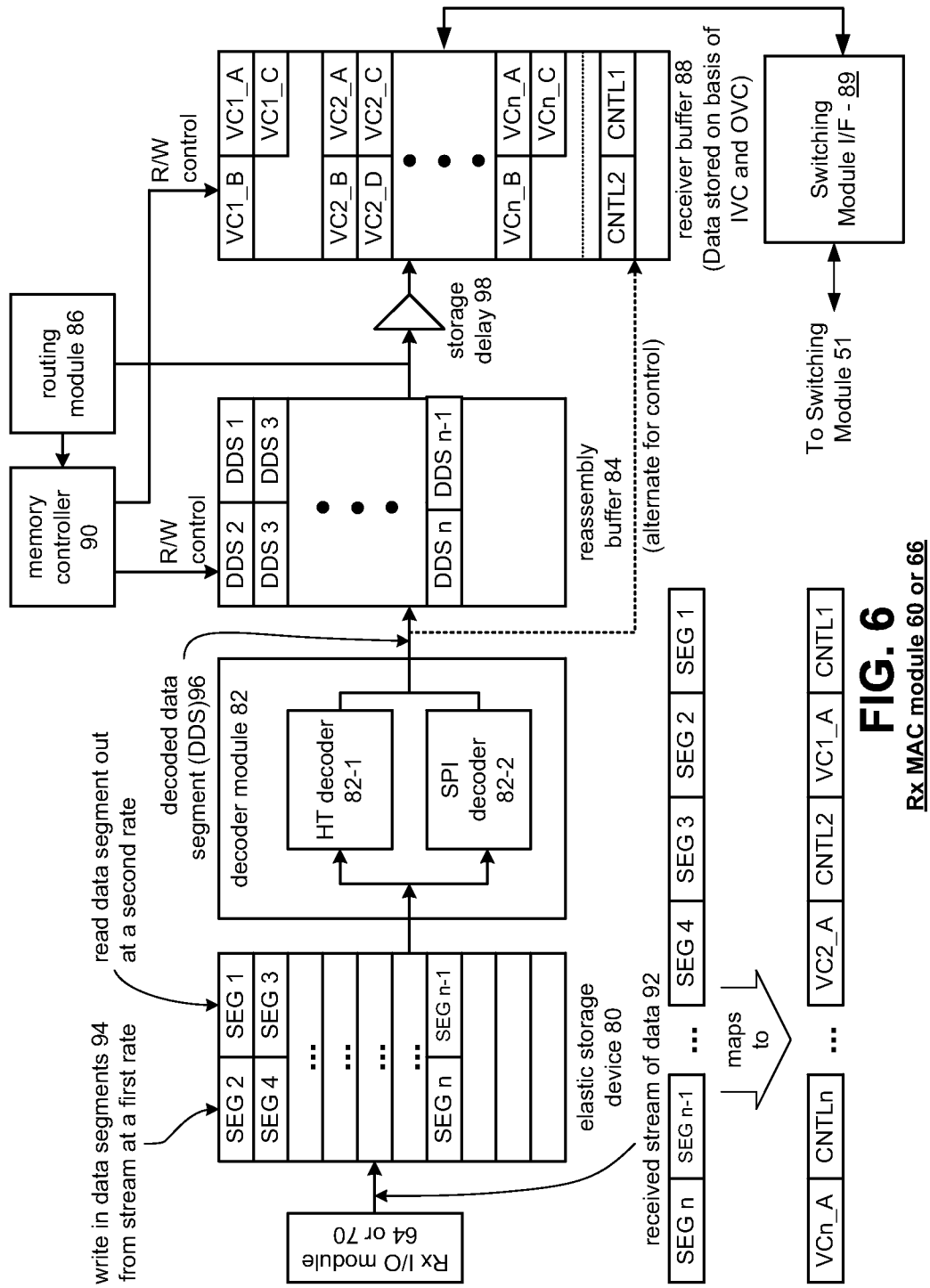

FIG. 6

Rx MAC module 60 or 66

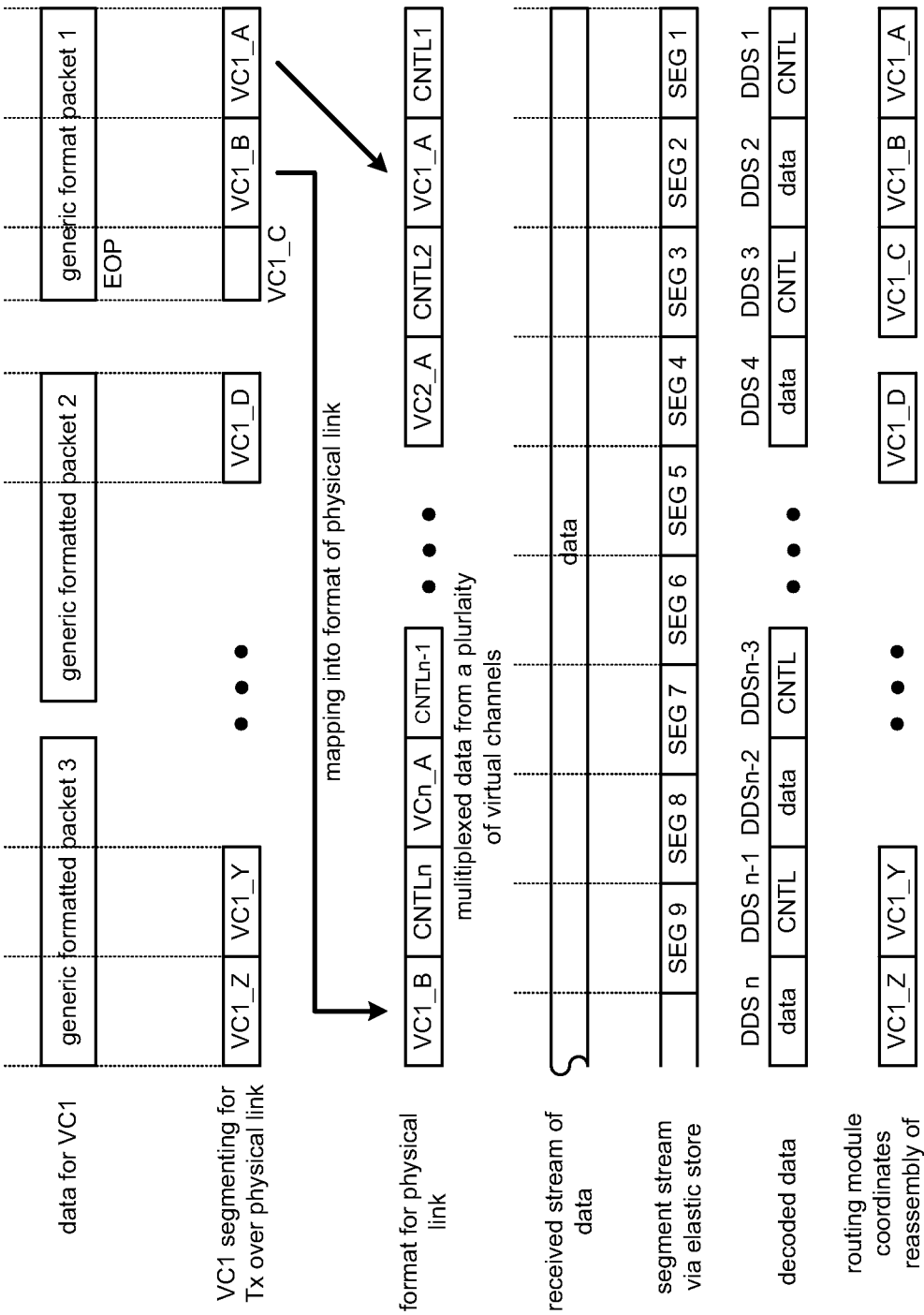
data for VC1
generic formatted packet 3
generic formatted packet 2
generic format packet 1
EOP
VC1 segmenting for Tx over physical link
VC1_Z
VC1_Y
VC1_D
VC1_B
VC1_A
VC1_C
mapping into format of physical link
format for physical link
VC1_B
CNTLn
VCn_A
CNTLn-1
VC2_A
CNTL2
VC1_A
CNTL1
mulitiplexed data from a plurlaity of virtual channels
received stream of data
data
segment stream via elastic store
SEG 9
SEG 8
SEG 7
SEG 6
SEG 5
SEG 4
SEG 3
SEG 2
SEG 1
DDS n
DDS n-1
DDSn-2
DDSn-3
DDS 4
DDS 3
DDS 2
DDS 1
decoded data
data
CNTL
data
CNTL
data
CNTL
data
CNTL
routing module coordinates reassembly of packets for each VC
VC1_Z
VC1_Y
packet 3
VC1_D
packet 2
VC1_C
VC1_B
VC1_A
packet 1

FIG. 7